IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION TRANSMITTAL LETTER

In Re Patent Application of:) Art Group: 1745
Tony Chiang et al.) (Parent Application)
Application No.: Not Yet Assigned) Examiner: J. A. Mercado) (Parent Application)
Filing Date: March 8, 2004)
Title: METHOD OF PREVENTING DIFFUSION OF COPPER THROUGH A TANTALUM-COMPRISING BARRIER LAYER) Attorney Docket No.:) AM-2044.C2))

March 8, 2004

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10
"U.S. EXPRESS MAIL" MAILING LABEL NUMBER: ER534274339US

DATE OF DEPOSIT: March 8, 2004

I hereby certify that this application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 having the MAILING LABEL NUMBER referenced above, addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the DATE OF DEPOSIT referenced above.

By: Shirley L. Church, Reg. No. 31,858 (Type Name)
Signature Date: March 8, 2004

CONTINUATION APPLICATION TRANSMITTAL LETTER

Mail Stop Patent Application

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

Applicant hereby files a [X] continuation [] divisional [] continuation-in-part application under 37 CFR § 1.53(b) of the prior complete application identified below.

IDENTIFICATION OF PRIOR COMPLETE APPLICATION

Title: As originally filed - DAMAGE-FREE SCULPTURED COATING DEPOSITION

	Ap	plic	ication Number: 09/886,439	_
	Fili	ng	g Date: <u>June 20, 2001</u>	-
	Inv	ent	ntors: Tony Chiang; Gongda Yao; Peijun Ding; Fusen E. Chen; Barry L. Chii Gene Y. Kohara; Zheng Xu; Hong Zhang	<u>ı:</u>
	oat cop and	h c by d d si	osed is a copy of the original, first, prior complete application, including a copy of or declaration showing the signature of the inventors. The enclosed papers are of the prior complete application as filed, including the specification, claims, drawing oath or declaration, and any amendments referred to in the oath or declaration to complete the prior application.	e a true awings
IN'	VEN	TC	ORS	
1.	[X]		The inventors of the present application are the same as in the prior complete application.	
2.	[]		The inventor(s) of the present application have been changed to include the follonamed inventor(s):	wing -
	a.	[]	It is requested that the following persons be deleted as inventor(s) in the pre application:	sent -
	b.	[]	The present application is a continuation-in-part of the prior complete applica and an oath or declaration as required under 37 CFR § 1.63 accompanies the paper.	
A۱	/EN	DN	MENTS	
3.	[]		Enter the amendment previously filed under 37 CFR § 1.116, but unentered, in prior application.	1 the
4.	[X]		A preliminary amendment is enclosed.	
5.	[X]		Amend the specification by inserting before the first line the sentence: This application is a continuation application of U.S. Application Serial No. 09/886,4 filed June 20, 2001, which is a continuation application of Application Serial No. 08/978,792, filed November 26, 1997, which is abandoned	
6.	[X]		The title in the present application is as follows: METHOD OF PREVENTING	D

LAYER.

	Attorney Docket No.: AM-2044.G2
INTER	RNATIONAL PRIORITY
7. []	Priority of Application Serial No, filed on, in(country) is claimed under 35 USC § 119.
8. []	The certified copy of the priority application: [] is enclosed; [] was filed on in prior Application Serial No; filed on; [] has not yet been filed.
PRIOF	RITY UNDER 35 USC § 120
9. [X]	Applicants hereby claim priority under 35 USC § 120, wherein the priority applications are Serial Nos. 08/978,792 and 09/886,439.
ATTO	RNEY OR AGENT OF RECORD
10.	[X] The power of attorney in the prior application is to: Michael L. Sherrard (Reg. No. 28,041); Peter J. Sgarbossa (Reg. No. 25,610); Donald J. Verplancken (Reg. No. 33,217); Michael B. Einschlag (Reg. No. 29,301); Lawrence Edelman (Reg. No. 25,225); Raymond Kam-On Kwong (Reg. No. 37,165); Leslie Weise (Reg. No. 36,305); James C. Wilson (Reg. No. 35,412); Shirley L. Church (Reg. No. 31,858); and Kathi (Rafayko) Bean (Reg. No. 36,644).
	a. [X] The power appears in the original papers in the prior application.b. [] Since the power does not appear in the original papers, a copy of the power in the prior application is enclosed.
11. [X	A copy of the Declaration & Power of Attorney is enclosed.
OTHE	R
12.	[X] Also enclosed: A copy of the assignment document in the parent application.
13.	[] Cancel in this application Claims of the prior application before calculating the filing fee. (At least one independent claim must be retained for filing purposes.)

[] Add the additional claims in the attached Preliminary Amendment prior to

[X] Cancel in this application all claims of the prior application and substitute the

claims contained in the attached Preliminary Amendment prior to calculating the

14.

15.

filing fee.

calculating the filing fee.

FEES DUE

16.

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	NO. OF CLAIMS		EXTRA CLAIMS	RATE	FEE
Basic Application Fee	asic Application Fee				
Total Claims	00.00				
Independent Claims	1	MINUS 3 =	0	x \$86 =	00.00
If multiple dependent claims are presented, add \$290.00				00.00	
TOTAL APPLICATION FEE DUE					\$ 770.00

17.	[] A Petition for Extension of Time to respond to the outstanding official action in the
	prior application, up to and including the filing date of the present application, is
	enclosed, the fee for which is \$

18. [X] New drawings are enclosed ([X] formal [] information	18.	[X]	New drawings a	are enclosed ([X	formal [] informal
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PAYMENT OF FEES

19.	The full fee due in connection with this communication is \$770.00, and is provided
	as follows:

a. []	Check No	in the amount of \$	is enclosed
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b. [X] The Commissioner is hereby authorized to charge the filing fee of \$\frac{\$770.00}{,} as well as any additional fees which may be due under 37 CFR \{ \} 1.16 and \{ \} 1.17, which are required by this paper, and to credit any overpayment, to Deposit Account No. 50-1074 of Applied Materials, Inc., Santa Clara, California.

This transmittal letter is submitted in duplicate.

CORRESPONDENCE ADDRESS

Address all future communications to:

Patent Counsel Applied Materials, Inc. P.O. Box 450 A Santa Clara, California 95052

Express Mail No. <u>ER534274339</u> US Attorney Docket No.: <u>AM-2044.C2</u>

Respectfully submitted,

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